

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2005/000169

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 E04C 5/07

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 E04C, E04G, B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
KR.JP : classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 2003-72729 A (SANG-GUN LEE) 19 September 2003	1, 2, 3, 4
X	KR 2001-9973 A (SANG-GUN LEE) 05 February 2001	1, 2, 3, 4
A	KR 2001-57885 A (MYUNG MUN CHA) 05 July 2001	1-13
A	US 6612085 B (EDWARDS, CHRISTOPHER M.) 02 September 2003	1-13
A	US 5077113 A (KAKIHARA, RYUICHI; NISHIOKA, SUMIO; SHINDO, NAOHIKO; MUKAE, KUNIHIO; KUMAGAI, SHINICHIRO) 31 December 1991	1-13

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

07 JUNE 2005 (07.06.2005)

Date of mailing of the international search report

10 JUNE 2005 (10.06.2005)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

KIM, Hyun Woo

Telephone No. 82-42-481-5795



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2005/000169

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR1020030072729	19.09.2003	KR2003072729A	19.09.2003
KR1020010009973	05.02.2001	KR2001009973A	05.02.2001
KR1020010057685	05.07.2001	JP13214573 JP2001214573A2 JP3519051B2 KR2001057885A	10.08.2001 10.08.2001 12.04.2004 05.07.2001
US6612085	02.09.2003	US20010023568A1 US2001023568AA US6612085B8	27.09.2001 27.09.2001 02.09.2003
US05077113	31.12.1991	CA2025281AA CA2025281C DE69008803T2 EP00417612A2 EP00417612B1 EP0417612A2 EP417612A2 EP417612A3 EP417612B1 JP03103561 JP3103561A2 JP7018206B4 US5077113A	15.03.1991 18.08.1998 15.12.1994 20.03.1991 11.05.1994 20.03.1991 20.03.1991 15.01.1992 11.05.1994 30.04.1991 30.04.1991 01.03.1995 31.12.1991

BEST AVAILABLE COPY